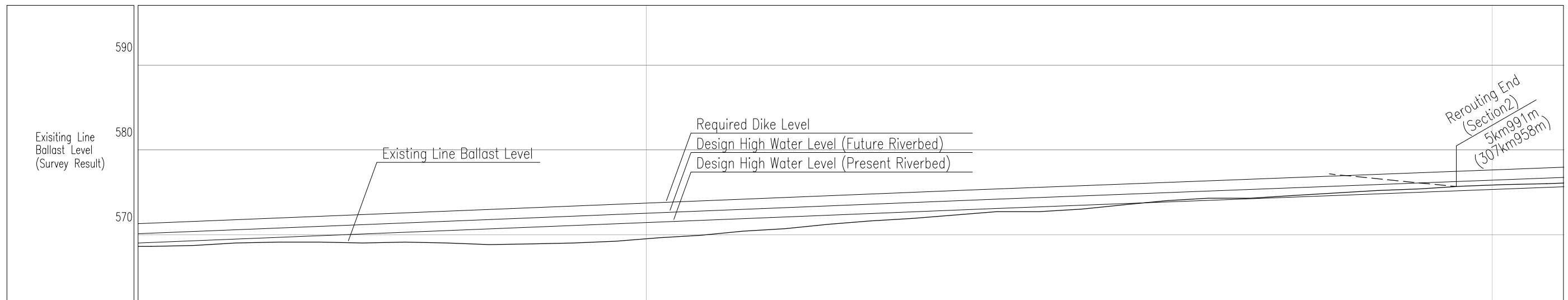
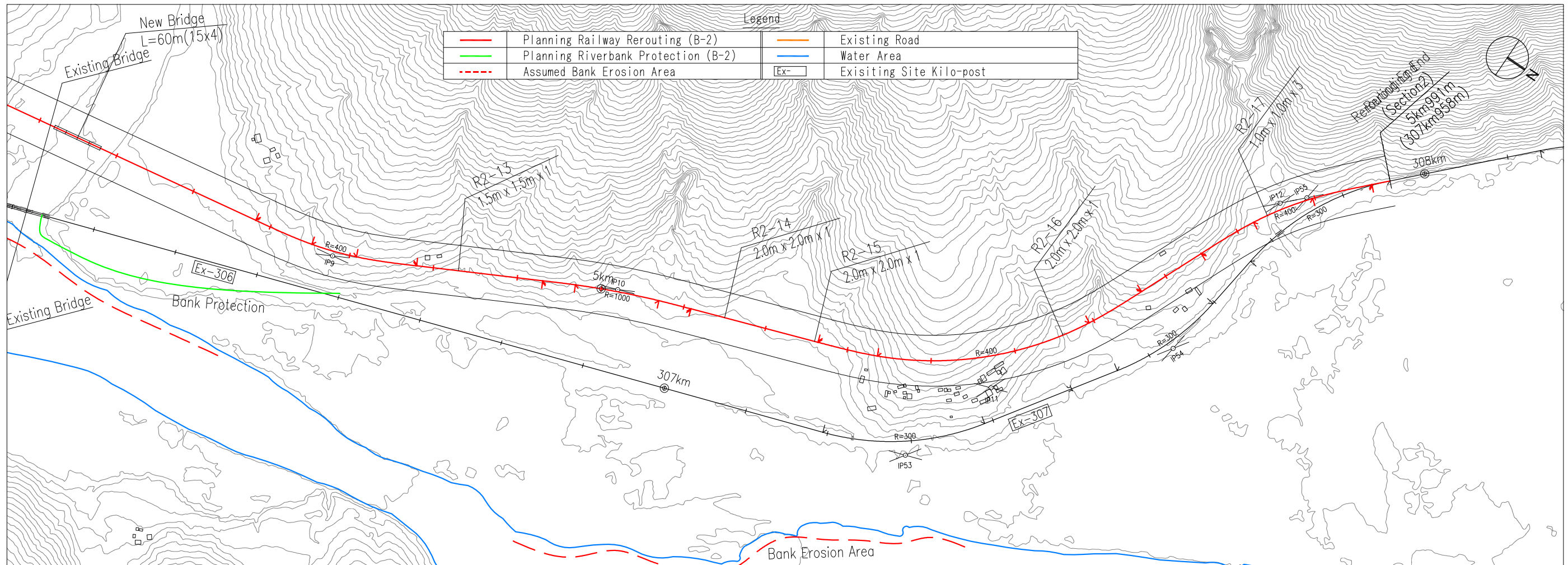


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	568.61	568.65	568.69	568.79	568.91	569.01	569.05	569.09	569.10	569.10	569.09	569.05	569.01	569.03	569.07	569.09	569.05	569.01	568.94	568.86	568.81	568.85	568.89	568.93	568.97	569.02	569.10	569.18	569.32	569.48	569.63	569.75	569.87	570.05	570.25	570.43	570.55	570.67	570.85	571.05	571.24	571.40	571.56	571.69	571.81	571.94	572.10	572.26	572.42	572.58	572.70	572.70	572.70	572.79	572.91	573.05	573.25	573.45	573.65	573.85	574.03	574.15	574.27	574.30	574.30	574.33	574.45	574.57	574.69	574.81	574.93	575.05	575.17	575.26	575.34	575.43	575.55	575.67	575.76	575.84	575.91	575.95	575.99	576.06
Existing Line Curvature																															IP53 R=300m			IP54 R=300m			IP55 R=300m																																															
Kilometrage (Re-Setting)																															307	1	2	3	4	5	6	7	8	9																																												
Kilometrage (Site Kilo Post)																															306																															308																						

GOVERNMENT AGENCIES:



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

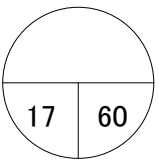
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

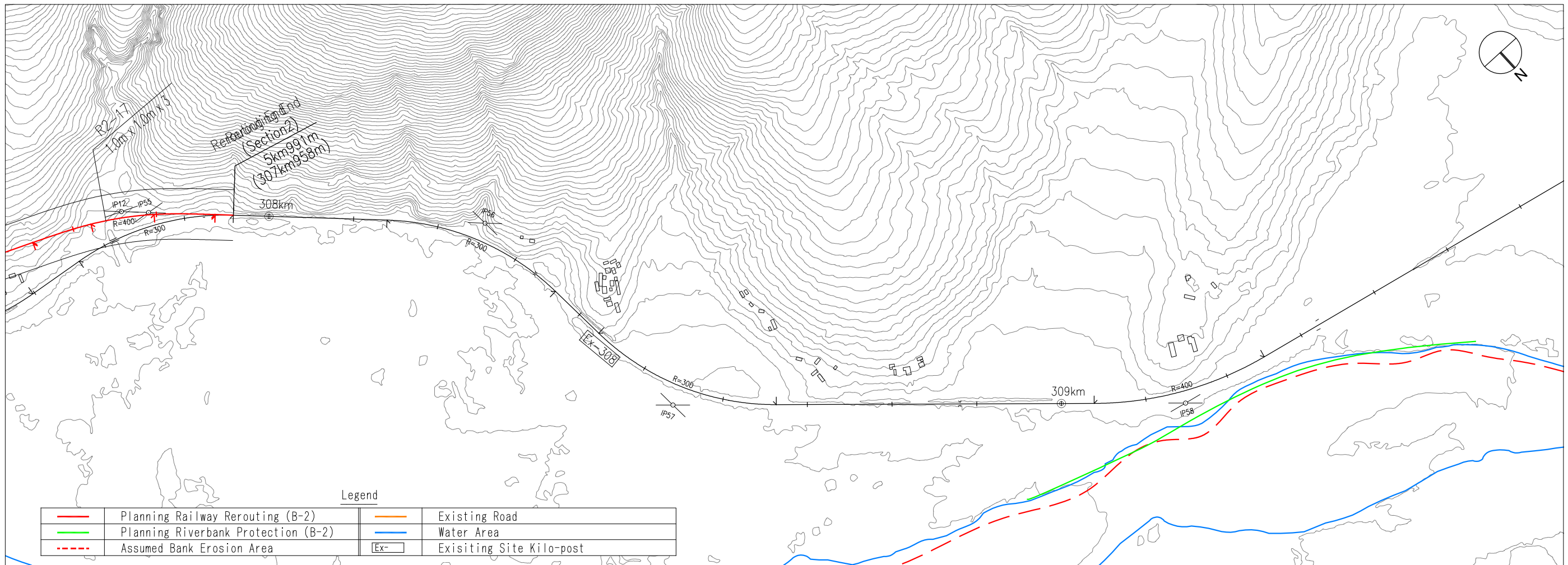
SHEET CONTENTS:

DWG NUM

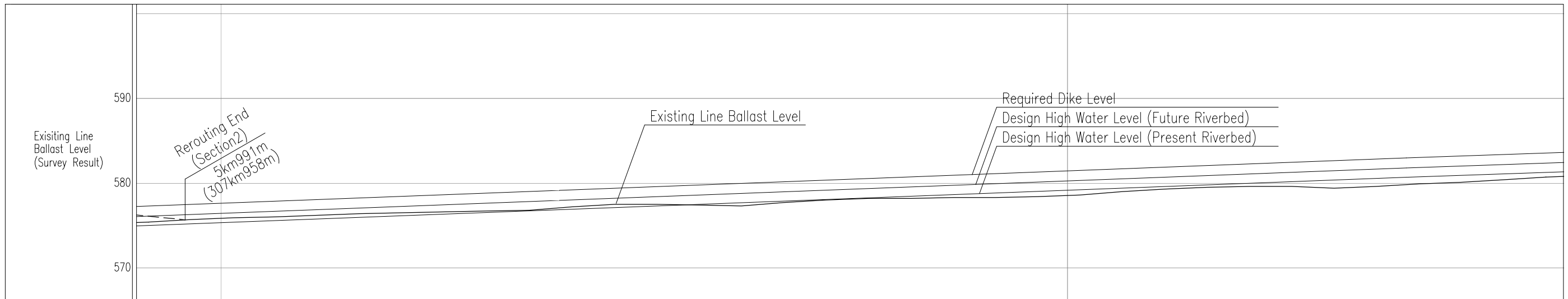


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend			
—	Planning Railway Rerouting (B-2)	—	Existing Road
—	Planning Riverbank Protection (B-2)	—	Water Area
—	Assumed Bank Erosion Area	[Ex-]	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	575.43	575.55	575.67	575.76	575.84	575.91	575.95	575.99	576.06	576.14	576.22	576.30	576.38	576.43	576.47	576.51	576.55	576.59	576.63	576.67	576.71	576.75	576.79	576.92	577.08	577.23	577.35	577.47	577.50	577.50	577.49	577.45	577.41	577.37	577.33	577.34	577.50	577.66	577.79	577.91	578.02	578.10	578.18	578.20	578.20	578.21	578.25	578.29	578.30	578.30	578.31	578.35	578.39	578.46	578.54	578.64	578.80	578.96	579.09	579.21	579.32	579.40	579.48	579.53	579.57	579.60	579.60	579.54	579.46	579.42	579.50	579.58	579.69	579.81	579.92	580.00	580.08	580.19	580.31	580.43	580.55	580.67	580.76
Existing Line Curvature	R=300m IP56															IP57 R=300m										IP58 R=400m																																																									
Kilometrage (Re-Setting)	308															1										2										3										4										5																											
Kilometrage (Site Kilo Post)	Km308															309										Km309																																																									

GOVERNMENT AGENCIES:



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

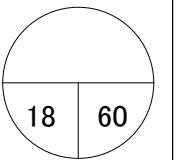
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

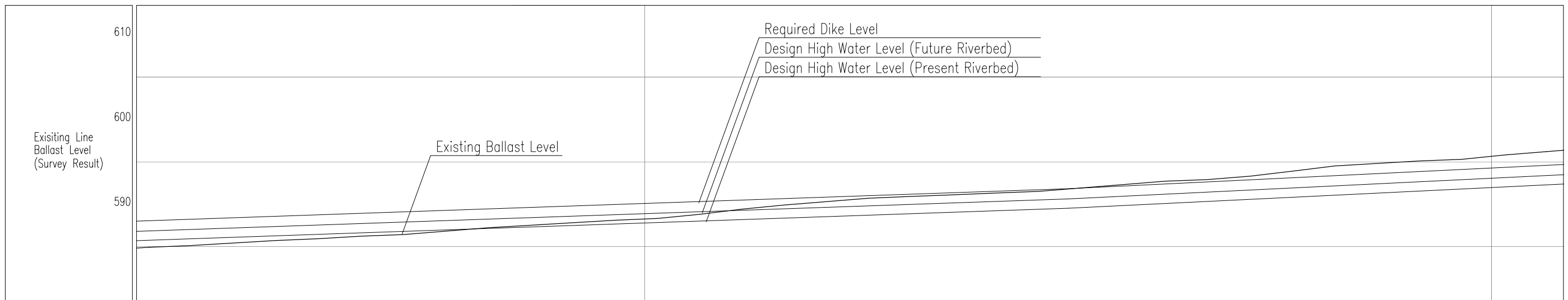
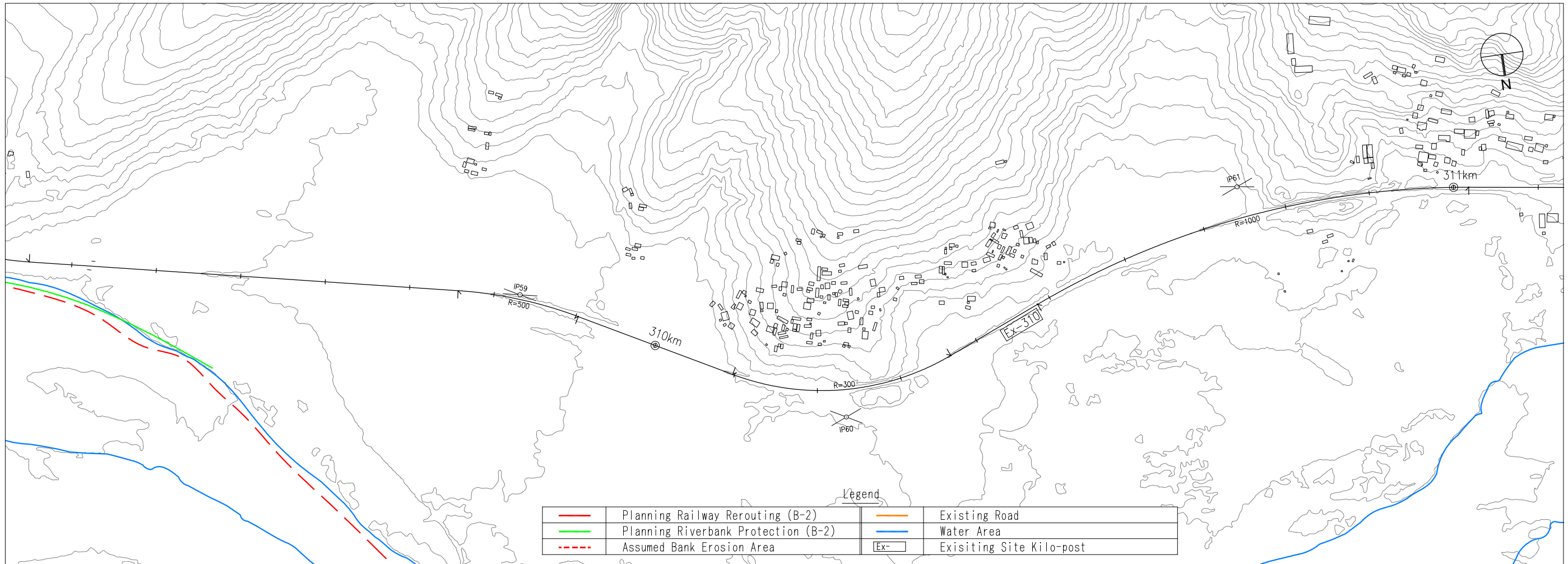
SHEET CONTENTS:

DWG NUM



Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	579.92	580.00	580.08	580.19	580.31	580.43	580.55	580.67	580.76	580.84	580.93	581.05	581.17	581.26	581.34	581.44	581.60	581.76	581.92	582.08	582.23	582.35	582.47	582.59	582.71	582.83	582.95	583.07	583.16	583.24	583.35	583.55	583.75	583.98	584.22	584.45	584.65	584.85	585.02	585.18	585.34	585.50	585.66	585.76	585.84	585.92	586.00	586.08	586.16	586.24	586.32	586.40	586.48	586.62	586.78	586.94	587.10	587.26	587.42	587.58	587.72	587.80	587.88	588.02	588.18	588.36	588.60	588.84	589.08	589.32	589.53	589.65	589.77	589.89	590.01	590.12	590.20	590.28	590.45	590.65	590.84	591.00	591.16	591.32																																																																																																
Existing Line Curvature	R=500m IP59															R=300m IP60															R=1000m IP61																																																																																																																																																					
Kilometrage (Re-Setting)	5															310															1															2															3															4															5															6															7															8															9															311														
Kilometrage (Site Kilo Post)	09															310															Km310															311																																																																																																																																						

GOVERNMENT AGENCIES:



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

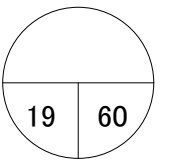
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

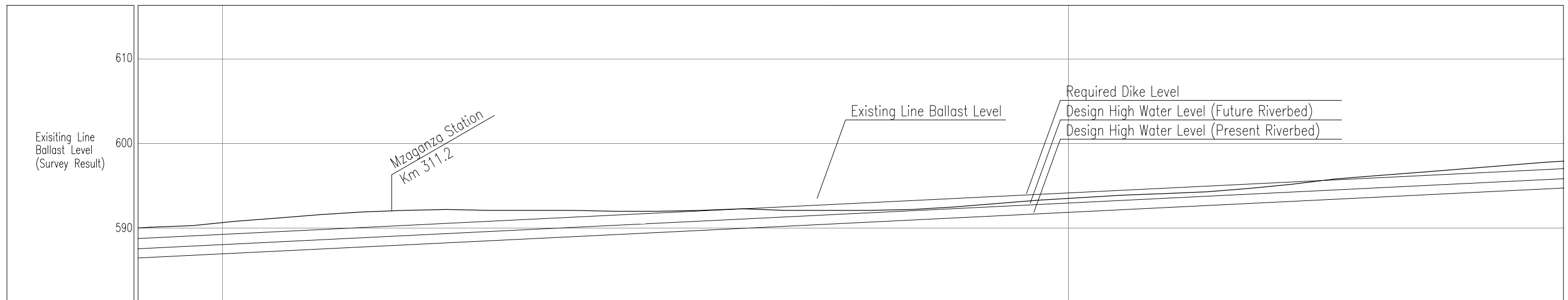
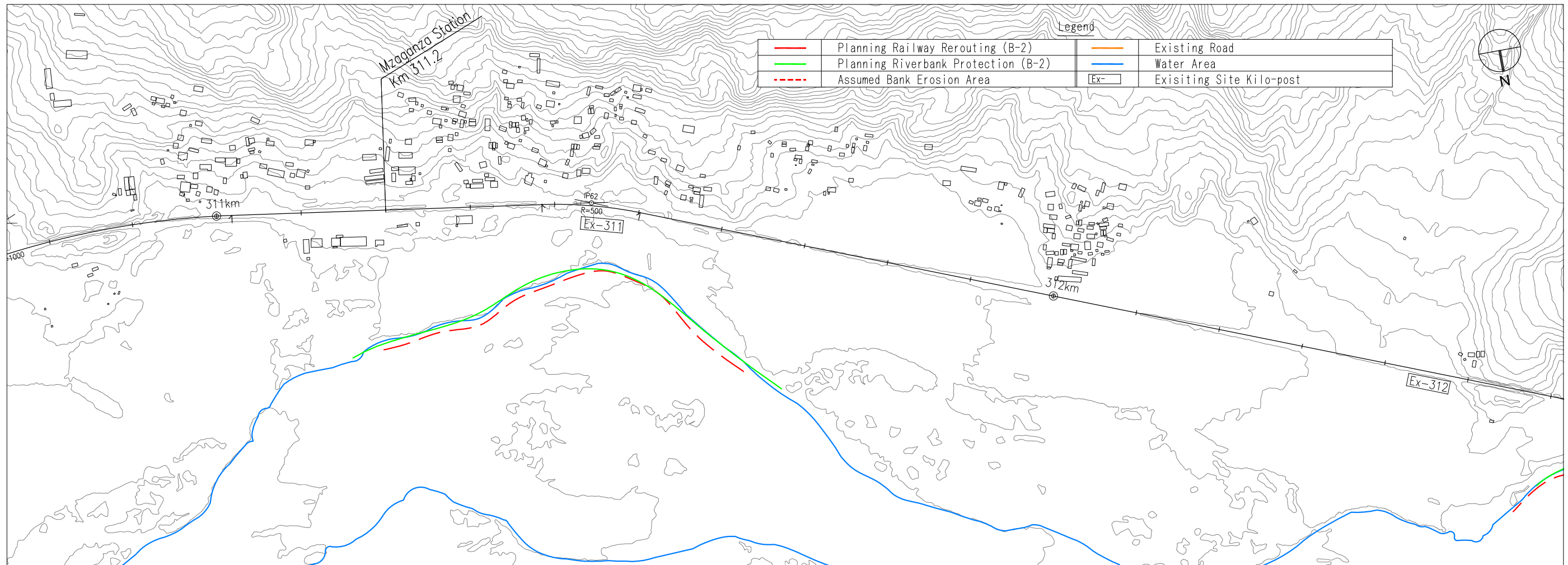
SHEET CONTENTS:

DWG NUM



Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	590.12	590.20	590.28	590.45	590.65	590.84	591.00	591.16	591.32	591.48	591.63	591.75	591.87	591.96	592.04	592.11	592.15	592.19	592.17	592.13	592.10	592.10	592.10	592.10	592.10	592.09	592.05	592.01	592.00	592.01	592.05	592.09	592.16	592.24	592.28	592.20	592.12	592.10	592.10	592.10	592.10	592.13	592.17	592.23	592.35	592.47	592.62	592.78	592.94	593.10	593.26	593.39	593.51	593.63	593.75	593.87	593.96	594.04	594.12	594.20	594.28	594.42	594.58	594.75	594.95	595.15	595.38	595.62	595.84	596.00	596.16	596.32	596.48	596.64	596.80	596.96	597.12	597.28	597.44	597.60	597.76	597.89
Existing Line Curvature																																R=500m		IP62																																																
Kilometrage (Re-Setting)																																311	1	2	3	4	5	6	7	8	9	312		1	2	3	4	5																																		
Kilometrage (Site Kilo Post)																																Km311										Km312																																								

GOVERNMENT AGENCIES:



Japan International Cooperation Agency

Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

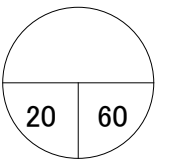
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

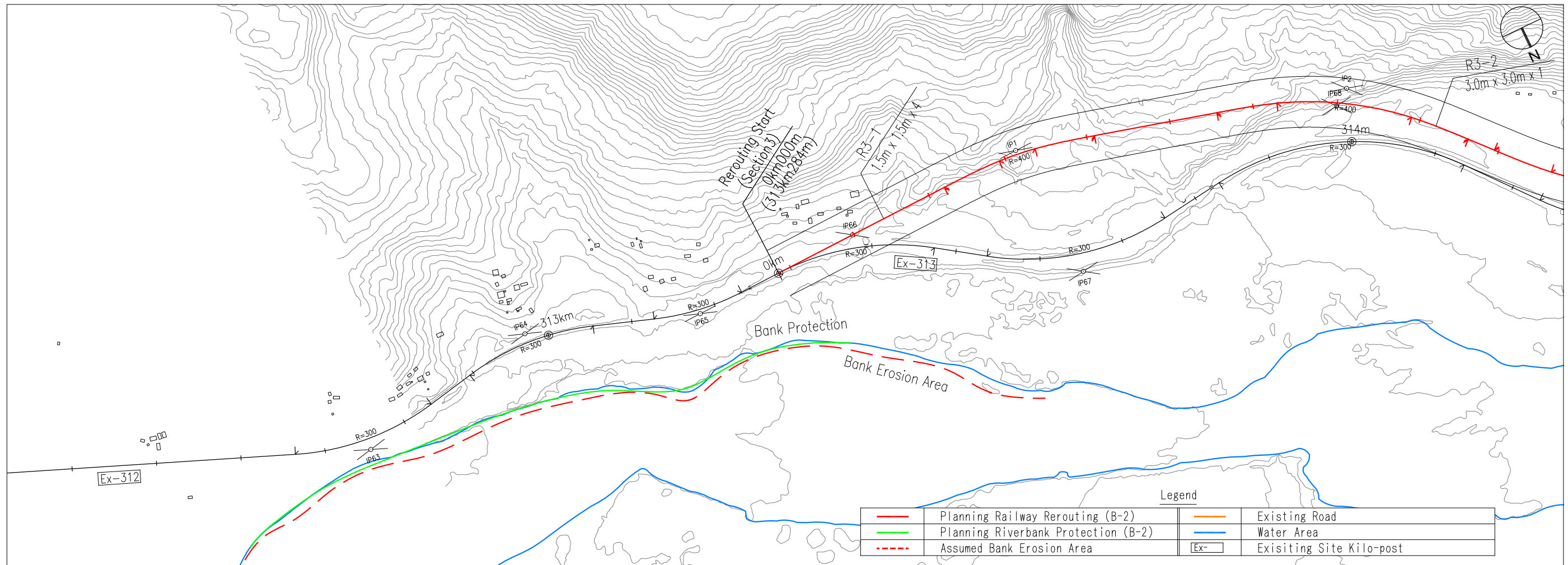
SHEET CONTENTS:

DWG NUM

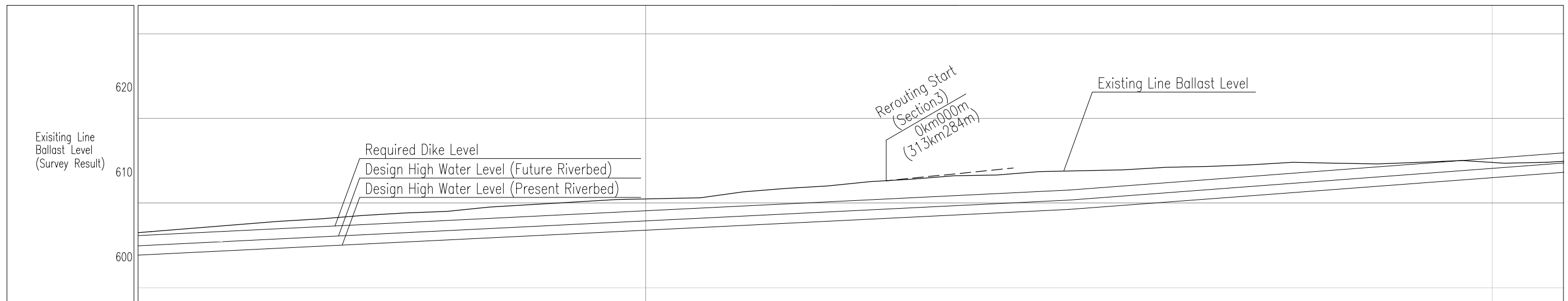


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend	
—	Planning Railway Rerouting (B-2)
—	Planning Riverbank Protection (B-2)
- - -	Assumed Bank Erosion Area
—	Existing Road
—	Water Area
[Ex-]	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	596.64 596.80 596.96 597.12 597.28 597.44 597.60 597.76 597.89 598.01 598.14 598.30 598.46 598.59 598.71 598.82 598.90 598.98 599.15 599.35 599.53 599.65 599.77 599.89 599.89 600.01 600.13 600.25 600.37 600.43 600.47 600.51 600.55 600.59 600.81 600.09 601.34 601.50 601.66 601.79 601.91 602.05 602.25 602.45 602.59 602.71 602.84 603.00 603.16 603.23 603.27 603.34 603.50 603.66 603.73 603.77 603.81 603.85 603.89 603.99 604.11 604.21 604.25 604.29 604.36 604.44 604.53 604.65 604.77 604.77 604.73 604.69 604.65 604.61 604.66 604.74 604.82 604.90 604.98 604.91 604.79 604.71 604.75 604.79 604.89
Existing Line Curvature	R=300m IP63 R=300m IP64 R=300m IP65 R=300m IP66 R=300m IP67 R=300m IP68
Kilometrage (Re-Setting)	5 6 7 8 9 313 1 2 3 4 5 6 7 8 9 314
Kilometrage (Site Kilo Post)	Km312 Km313

GOVERNMENT AGENCIES:



Japan International Cooperation Agency

Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

SHEET CONTENTS:

DWG NUM

21	60
----	----